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Interaction of Cyclopropane Hydrocarbons With Mercuric Salts. XI. Opening of the Three-Membered Ring in (O,1,H)-Bicycloalkanes ( $N = 2, 3$ , and  $4$ ), by R. Ya. Levina, V. N. Kostin, T. K. Ustyuyuk, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 2, 1960,  
pp 359-362.

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Mercuric Salts. VIII. Reaction of  $\gamma$ -  
Mercurated Alcohols with Zinc Dust, by R.  
Ya. Levina, V. M. Kostin, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,  
No 12, 1958, pp 3307-3310

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Feb 60

108, 799

Levina, R. Ya. and Shcheglova, N. A.  
ISOMERIZATION OF UNSATURATED HYDRO-  
CARBONS IN CONTACT WITH METAL OXIDES.  
V. ISOMERIZATION OF 4-PHENYL-1-BUTENE  
AND 5-PHENYL-1-PENTENE OVER OXIDES OF  
ALUMINUM AND CHROMIUM. [1961] 5p. 22 refs.  
Order from OTS or SLA \$1.10 61-16880

Condensed trans. of Zhurnal Obshchei Khimii (USSR)  
1941, v. 11, no. 7, p. 527-532.

DESCRIPTORS: \*Hydrocarbons, \*Molecular isomerism,  
\*Butenes, \*Pentenes, Phenyl radicals, Aluminum  
compounds, Chromium compounds, Oxides, Mono-  
cyclic compounds.

An experimental study is reported showing that 4-  
phenyl-1-butene is isomerized in contact with aluminum  
oxide or chromium oxide at 250° to 4-phenyl-3-butene;  
5-phenyl-1-pentene is isomerized in contact with chro-  
(Chemistry--Organic, TT, v. 6, no. 7) (over)

61-16880

- I. Levina, R. Ya.  
II. Shcheglova, N. A.  
III. Title: Isomerization of  
4-Phenyl...

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Researches in the Decalin Series. IV. 2-Methyl-Cis Decalin, by R. Ya. Levin, S. G. Kuflikov, Y. A. Bedov.

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The Synthesis of Hydrocarbons, LXXVI. Cyclohexanes  
with Three Quaternary Carbon Atoms in the Ring,  
by R. Ya. Levina, V. K. Daukshas, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 10,  
1960, pp 3207-3209.

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Reaction of Cyclopropane Hydrocarbons With  
Salts of Mercuric Oxide. II. New Organo-  
Mercury Compounds From 1,1,2,2-Tetramethyl-  
cyclopropane, by R. Ya. Levina, V. N. Kostin,  
4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,  
No 6, Jun 1953, USSR, pp 1054-1058. CIA D/P2359

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$\delta$ -Lactones and  $\delta$ -Lactams. XXI. Dibromides of  
 $\delta$ -Enollactams (5, 6-Dibromo-5,6-dialkyl-2-piperidones),  
by N. P. Shusherina, A. V. Golovin, R. Ya. Levina,  
7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 6,  
1960, pp 1762-1768.

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Cyclopropanes and Cyclobutanes. XI. Methylphenylcyclobutanes, Yu. S. Shabarov, R. Ya. Levina, M. G. Kuz'min, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 10, 1960, pp 3210-3213.

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Synthesis of Hydrocarbons. XX. Synthesis of Alkenes and Alkanes Containing a Quaternary Carbon Atom, by R. Ya. Levina, T. I. Tantsyreva, and A. A. Zaluzhny, 5 pp.

Full translation

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 4,  
USSR, Apr 1952, pp 571-576  
CIA D 182346

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Scientific - Chemistry

Dec 53 CTS

Synthesis of Hydrocarbons. XXI. Hydrobromides of  
Dienes in the Synthesis of Olefins and Paraffins  
With a Quaternary Carbon Atom, by R. Ya. Levina  
and N. P. Shushерина, 6 pp.

Full translation

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 4,  
USSR, Apr 1952, pp 573-587  
CIA D 182346

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Synthesis of Hydrocarbons. XL. Reaction of Cyclo-pentadiene Dichloride With Organomagnesium Compounds, by R. Ya. Levina, T. I. Tantseva, N. G. Treshchova, 8 pp. UNCLASSIFIED

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 5, 1953, pp 729-734. CIA D 182358

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Cyclopropanes and Cyclobutanes. XIV.  
Cyclopropylmesitylene, by R. Ya. Levina, V. N.  
Kostin, P. A. Gembitskii, 6 pp.

RUSSIAN, per. Zhur Obshch Khim, Vol XXXII, No 5,  
1962, pp 1377-1381.

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Mar 63

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Synthesis of Hydrocarbons. LXXIV. Alkylcyclohexanes  
with Two Quaternary Carbon Atoms in the Side Chain,  
by R. Ya. Levina, V. K. Daukshas, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 6,  
1960, pp 1758-1761.

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Synthesis of Hydrocarbons. XXXIX. 2, 3-Dimethyl-  
1, 3-butadiene Dichloride in the Synthesis of  
Isocalkenes With A Central Double Bond, by N. Ya.  
Levina, V. R. Skvarchenko, A. S. Okunovich, N. G.  
Treshchova, 4 pp. UNCLASSIFIED

Full translation.

RUSSIAN, no per, Zhurnal Obshchey Khimii,  
Vol XXIII, No 5, 1953, pp 725-726. CXXI D 123353

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Synthesis of Hydrocarbons. LVII. Partial Reduction of  
Hydrocarbon Dienes With Conjugated Double Bond Systems  
Using Sodium in Liquid Ammonia, by R. Ya. Levina, V. R.  
Skvarchenko, M. G. Kuzmin, E. G. Treshchova, 6 pp.

RUSSIAN, no por, Zhur Obshch Khim, Vol XXVI, No 8,  
1956, pp 2195-2199.

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Synthesis of Hydrocarbons. XVIII. The Hydrobromide and Hydrochloride of 2-Methylpentadiene-1,3 and 4-Methylpentadiene-1,3 in the Synthesis of Hydrocarbons of Isomeric Structure, by R. Ya. Levina, A.A. Fainzilberg, and E.G. Treshchova, 8 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 3,  
USSR, Mar 1952, pp 430-439. CIA D 182345

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Dienes into Cyclopropanes, by R. Ya. Levina, and  
B. M. Gladshtein, 6 pp.

Full translation

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 4,  
USSR, Apr 1952, pp ~~585-589~~ 585-590.  
CIA D 186346

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YURIEN, YU. K  
 LEVINA, R. YA.

ACADEMICIAN NIKOLAI DMITREVICH ZELINSKY  
(On His Ninetieth Birthday)

33 pages

RUSSIAN, Zhur Obshch Khim, Vol XXI, No 2, Feb 1951

Consultants Bureau Translation

A 6970

Barbituric Acids. V. Methylenemalonic Ester in Diene  
Synthesis. Spirobarbituric Acids, by R. Ya. Levin,  
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RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 10,  
Oct 1956, pp 2852-2854.

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Cyanoethylated Ketones in the Synthesis of Unsaturated  
*c*-Lactones. VII. Isomeric Benzotetrahydrocoumarine,  
by N. P. Shusherina, R. Ye. Levina, V. I. Zdanovich,  
6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 10,  
Oct 1956, pp 2847-2851.

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Mar 58

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LEVINA R. Ya.  
SKVARCHENKO V. R.  
TATEVSKY V. M.  
TRESHCHOVA E. G.

THE SYNTHESIS OF HYDROCARBONS  
X. THE PARTIAL REDUCTION OF DIENE HYDROCARBONS WITH  
CONJUGATED DOUBLE BONDS BY SODIUM IN LIQUID  
AMMONIA 6 pages

RUSSIAN, Zhur Obshch Khim, Vol XX, No.4, Apr. 1950  
*CIA D 182335 JPP 721 - 726.*

Consultants Bureau Translation

A 6968

-Lactones and -Lactams. XXVII. Redactions of 5-Bromo-  
1,6-Dihydropiperidones-2 With Ammonia and Amines, by  
H. P. Shusharina, R. Ya. Levina, 4 pp.

RUSSIAN, PER, Zhur Obshch Khim, Vol. XXXIII, No 1,  
1962, pp 89-92.

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Oct 62

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Levina, R. Ya.

MECHANISM OF IRREVERSIBLE CONTACT CONVERSION OF CYCLOHEXANE AND CYCLOHEXENE HYDROCARBONS WITH UNSATURATED SIDE CHAINS.  
II. IRREVERSIBLE CATALYSIS OF A CYCLOHEXANE WITH AN OLEFINIC SIDE CHAIN, THE DOUBLE BOND OF WHICH IS SEPARATED FROM THE RING BY A QUATERNARY CARBON ATOM. [1961] 10p.

47 refs.

Order from OTS or SLA \$1.10

61-16664

Trans. of Zhurnal Obshchel Khimii (USSR) 1942, v. 12, p. 422-432.

DESCRIPTORS: \*Hydrocarbons, Catalysis, \*Cyclohexanes, \*Cyclohexenes, Chemical bonds, Molecular isomerism.

The correctness of the previously proposed mechanism of irreversible contact conversion of cyclohexanes and cyclohexenes with unsaturated side chains was verified. (Chemistry--Organic, TT, v. 6, no. 7) (over)

61-16664

- I. Title: Contact conversion
- I. Levina, R. Ya.
- II. Title: Irreversible...

Office of Technical Services

LEVINA R. Ya.  
SKVARCHENKO V. R.  
VIKTOROVA E. A.  
TATEVSKY V. M.  
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CONJUGATED DOUBLE BONDS BY SODIUM IN LIQUID  
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RUSSIAN, Zhur Obshch Khim, Vol XX, No.4, Apr. 1950  
*CIA D 182855* *Op 227-732*

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A6769

Hydrocarbon Synthesis. XLIII. A New Reaction  
of Tetrahydronaphthalic Anhydrides (Products of  
the Diene Synthesis) With Phosphorus Pentoxide,  
by R. Ya. Levina, V. R. Skvarchenko, N. S.  
Katayeva, E. G. Treshchova, 4 pp.

Full translation.

RUSSIAN, no par, Zhur Obshch Khim, Vol XXXIII,  
No 12, p 1953d, pp 1998-2001. CIA D 151308

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Synthesis of Hydrocarbons. XVII. Homomonotones  
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Isomeric Structure, by R. Ya. Leyina, N. P.  
Chuscherina, E. G. Treshchova, V. M. Tatevskii,  
10 pp.

Full translation.

RUSSIAN, per, Zhur Obshch Khim, Vol XXII, No 2,  
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Consultants Bureau  
152 West 42nd Street  
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Scientific - Chemistry

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CONTACT WITH METAL OXIDES.

IX. THE ISOMERIZATION OF ACETYLENE HYDROCARBONS  
OVER CHROMIC OXIDE ON ALUMINA 7 pages

RUSSIAN, Zhur Obshch Khim, Vol XX, No.4, Apr. 1950  
CIA D 182335 pp 713 - 719.

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Cyclopropanes and Cyclobutanes, XVIII, p-Cyclopropylcumene and p-Isopropenylcumene, by R. Ya. Levina, V. N. Kostin, P. A. Gembitskiy. 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXI, No 4, 1961,  
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of Org Chem imeni N. D. Zelinskiy, Moscow State U.

Isomerization of Unsaturated Hydrocarbons upon Contact  
with Metal Oxides VIII. Isomerization of Hexine-1  
over Chromic Oxide on Alumina

Zhur Obshch Khim, Vol XIX, No 2, 1949 (Feb), pp 265-  
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SYNTHESIS OF HYDROCARBONS

IX. DIENE HYDROCARBONS IN THE SYNTHESIS OF OLEFIN HYDROCARBONS WITH CENTRALLY LOCATED DOUBLE BONDS. 6 pages.

RUSSIAN, Zhur Obshch Khim, Vol XX, No 3, Mar 1950  
PP 419-425. CIA D 122334

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SEABOROV, Y. S.  
SKVARENKO, V. R.

SYNTHESIS OF HYDROCARBONS. VIII. REACTION OF  
1,4-DICHLOROBUTYNE-2 WITH ORGANOMAGNESIUM  
COMPOUNDS. 6 pp.  
RUSSIAN, Zhur Obshch Khim, Vol XX, No 2, Feb. 1950

Consultants Bureau Translation

A6965

Liberation of Hydrogen on an Iron Electrode in Alkali  
Solutions at High Pressures, by S. Levina, and A.  
Orlov, 2 pp. UNCLASSIFIED

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIII, No 1,  
1952, pp 115, 116.

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